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**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (original): A physiologically compatible liposome containing at least one therapeutic agent; said liposome comprising dioleoylphosphatidylethanolamine, dipalmitoylphosphatidylcholine and cholesterol in a respective weight ration of about 7:3:5, having a diameter of at least about 7 microns but no more than about 300 microns, and a residence time in a body fluid of at least about one half-minute but less than about 3 minutes.

Claim 2 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is hydrophilic.

Claim 3 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is lipophilic.

Claim 4 (original): The physiologically compatible particle in accordance with claim 1 wherein the liposome contains a hydrophilic therapeutic agent and a lipophilic therapeutic agent.

Claim 5 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is a biologically active substance.

Claim 6 (original): The physiologically compatible particle in accordance with claim 5 wherein the biologically active substance is a gene.

Claim 7 (original): The physiologically compatible particle in accordance with claim 5 wherein the biologically active substance is a protein.

Claim 8 (original): The physiologically compatible particle in accordance with claim 5 wherein the biologically active substance is an enzyme.

Claim 9 (original): The physiologically compatible particle in accordance with claim 5 wherein the biologically active substance is a monoclonal antibody.

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Claim 10 (original): The physiologically compatible particle in accordance with claim 5 wherein the biologically active substance is a cytokine.

Claim 11 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is a nutrient.

Claim 12 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is a vitamin.

Claim 13 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is a chemotherapeutic substance.

Claim 14 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is an organic compound.

Claim 15 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is an inorganic compound.

Claim 16 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is bone marrow.

Claim 17 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is a stem cell.

Claim 18 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is fibroblast growth factor.

Claim 19 (original): The physiologically compatible particle in accordance with claim 1 wherein the therapeutic agent is vascular endothelial growth factor.

Claim 20 (canceled).

Claim 21 (original): A method for introducing a therapeutic agent into the vasculature of a patient which comprises injecting into a patient's blood stream physiologically compatible liposomes containing at least one therapeutic agent, which particles have a diameter of at least about 7 microns but no more than about 300 microns; said liposomes comprising dioleoylphosphatidylethanolamine, dipalmitoylphosphatidylcholine and cholesterol in a respective weight ratio of about 7:3:5 and having a residence time in the patient's blood stream of at least about one-half minute but less than about 3 minutes.

Claim 22 (canceled).

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Claim 23 (original): The method in accordance with claim 21 wherein the therapeutic agent is hydrophilic.

Claim 24 (original): The method in accordance with claim 21 wherein the therapeutic agent is lipophilic.

Claim 25 (original): The method in accordance with claim 21 wherein the particles are liposomes that contain a hydrophilic therapeutic agent with a lipophilic therapeutic agent.

Claim 26 (original): The method in accordance with claim 21 wherein the therapeutic agent is a biologically active substance.

Claim 27 (original): The method in accordance with claim 26 wherein the biologically active substance is a gene.

Claim 28 (original): The method in accordance with claim 26 wherein the biologically active substance is a protein.

Claim 29 (original): The method in accordance with claim 26 wherein the biologically active substance is an enzyme.

Claim 30 (original): The method in accordance with claim 26 wherein the biologically active substance is a monoclonal antibody.

Claim 31 (original): The method in accordance with claim 26 wherein the biologically active substance is a cytokine.

Claim 32 (original): The method in accordance with claim 21 wherein the therapeutic agent is a nutrient.

Claim 33 (original): The method in accordance with claim 21 wherein the therapeutic agent is a vitamin.

Claim 34 (original): The method in accordance with claim 21 wherein the therapeutic agent is a chemotherapeutic substance.

Claim 35 (original): The method in accordance with claim 21 wherein the therapeutic agent is an organic compound.

Claim 36 (original): The method in accordance with claim 21 wherein the therapeutic agent is an inorganic compound.

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Claim 37 (original): The method in accordance with claim 21 wherein the therapeutic agent is a stem cell.

Claim 38 (original): The method in accordance with claim 21 wherein the therapeutic agent is bone marrow.

Claim 39 (original): The method in accordance with claim 21 wherein the therapeutic agent is fibroblast growth factor.

Claim 40 (original): The method in accordance with claim 21 wherein the therapeutic agent is vascular endothelial growth factor.